

# Wrapping Up Radiometers...Writing a Conclusion

## \*Why do I need to write a conclusion?

- A conclusion section at the end of your lab report gives your experiment purpose.
- By finalizing the lab with a conclusion, you are able to share your original thoughts and ideas, about the data you collected, and what you think it means.

## \*What should be included in a conclusion paragraph?

1. The first sentence or two should be a short introduction to your experiment.
2. Included thoughts about what your data means...what did you prove or disprove?
3. Include some of your actual data to backup your thoughts.
  - For example:

“The blue light bulb caused the radiometer to take a longer time to stop, 5.7s, than the red light bulb, which took only 3.2s. This is possibly because the blue light heated up the radiometer more than the red light.”
4. List possible sources of error. What unwanted or unexpected variables could have effected your results? These would be variables other than what your experiment was designed to test. No scientist or experiment is perfect.
5. If you were to do the experiment again, what could you change to avoid unwanted variables effecting your results?

